Refine Search

Search Results -

Terms	Documents
L12 and L4	3

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search:

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Sunday, January 07, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L1	document$1 same conver$4	49180	L1
L2	L1 and (multiple same output same device$1)	1498	L2
L3	L2 and (conver$5 same device$1)	1195	L3
L4	L3 and (drawing$1 or illistrat$5 or image$1 or graphic$7)	1163	L4
L5	L3 and (drawing$1 or illistrat$5)	1144	L5
L6	L3 and (drawing$1 or illustrat$5)	1162	L6
L7	L6 and (multiple same layout$1)	81	L7
L8	715/513, 517, 525.ccls.	0	L8
L9	715/513|517|525.ccls.	105493	L9
L10	715/513.ccls.	3049	L10
L11	715/517.ccls.	921	L11
L12	715/525.ccls.	157	L12
L13	L10 and L4	21	L13
L14	L11 and L4	10	L14
L15	L12 and L4	3	L15

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 21 of 21 returned.

☐ 1. Document ID: US 20060143559 A1

L13: Entry 1 of 21 File: PGPB Jun 29, 2006

PGPUB-DOCUMENT-NUMBER: 20060143559
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060143559 A1

TITLE: Method and apparatus for annotating a line-based document

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 20050223316 A1

L13: Entry 2 of 21 File: PGPB Oct 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050223316
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050223316 A1

TITLE: Compiled document type definition verifier

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 20050193328 A1

L13: Entry 3 of 21 File: PGPB Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050193328
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050193328 A1

TITLE: Hypertext navigation for shared displays

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 4. Document ID: US 20040205565 A1

L13: Entry 4 of 21 File: PGPB Oct 14, 2004

PGPUB-DOCUMENT-NUMBER: 20040205565
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040205565 A1

TITLE: XML based report generator

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 5. Document ID: US 20040163043 A1

L13: Entry 5 of 21 File: PGPB Aug 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040163043
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040163043 A1

TITLE: System method and computer program product for obtaining structured data from text

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 6. Document ID: US 20040054969 A1

L13: Entry 6 of 21 File: PGPB Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040054969
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040054969 A1

TITLE: System and method for generating web services definitions for MFS-based IMS applications

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 7. Document ID: US 20040015781 A1

L13: Entry 7 of 21 File: PGPB Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015781
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040015781 A1

TITLE: Background document rendering system and mehod

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 8. Document ID: US 20030058469 A1

L13: Entry 8 of 21 File: PGPB Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058469
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030058469 A1

TITLE: Method and apparatus for printing XML directly using a formatting template

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 9. Document ID: US 20030033331 A1

L13: Entry 9 of 21 File: PGPB Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030033331
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030033331 A1

TITLE: System, method and apparatus for converting and integrating media files

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 10. Document ID: US 20020111963 A1

L13: Entry 10 of 21 File: PGPB Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111963
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111963 A1

TITLE: Method, system, and program for preprocessing a document to render on an output device

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 11. Document ID: US 20020023158 A1

L13: Entry 11 of 21 File: PGPB Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023158
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020023158 A1

TITLE: Method and apparatus for implementing search and channel features in an enterprise-wide computer system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 12. Document ID: US 20010042078 A1

L13: Entry 12 of 21 File: PGPB Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010042078
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010042078 A1

TITLE: Systems and methods for digital document processing

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 13. Document ID: US 7055095 B1

L13: Entry 13 of 21 File: USPT May 30, 2006

US-PAT-NO: 7055095
DOCUMENT-IDENTIFIER: US 7055095 B1

TITLE: Systems and methods for digital document processing

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 14. Document ID: US 6981257 B2

L13: Entry 14 of 21 File: USPT Dec 27, 2005

US-PAT-NO: 6981257
DOCUMENT-IDENTIFIER: US 6981257 B2

TITLE: System, method and apparatus to allow communication between CICS and non-CICS software applications

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 15. Document ID: US 6971060 B1

L13: Entry 15 of 21 File: USPT Nov 29, 2005

US-PAT-NO: 6971060
DOCUMENT-IDENTIFIER: US 6971060 B1

TITLE: Signal-processing based approach to translation of web pages into wireless pages

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 16. Document ID: US 6941512 B2

L13: Entry 16 of 21 File: USPT Sep 6, 2005

US-PAT-NO: 6941512
DOCUMENT-IDENTIFIER: US 6941512 B2

TITLE: Dynamic web content unfolding in wireless information gateways

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 17. Document ID: US 6925597 B2

L13: Entry 17 of 21 File: USPT Aug 2, 2005

US-PAT-NO: 6925597

DOCUMENT-IDENTIFIER: US 6925597 B2

TITLE: Systems and methods for digital document processing

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 18. Document ID: US 6763343 B1

L13: Entry 18 of 21 File: USPT Jul 13, 2004

US-PAT-NO: 6763343
DOCUMENT-IDENTIFIER: US 6763343 B1

TITLE: Preventing duplication of the data in reference resource for XML page generation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 19. Document ID: US 6748569 B1

L13: Entry 19 of 21 File: USPT Jun 8, 2004

US-PAT-NO: 6748569
DOCUMENT-IDENTIFIER: US 6748569 B1

TITLE: XML server pages language

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 20. Document ID: US 6523034 B1

L13: Entry 20 of 21 File: USPT Feb 18, 2003

US-PAT-NO: 6523034
DOCUMENT-IDENTIFIER: US 6523034 B1

TITLE: Method for increasing traffic on an electronic site of a system of networked computers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 21. Document ID: US 5181162 A

L13: Entry 21 of 21 File: USPT Jan 19, 1993

US-PAT-NO: 5181162
DOCUMENT-IDENTIFIER: US 5181162 A

TITLE: Document management and production system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L10 and L4	21

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20050132284 A1

L14: Entry 1 of 10 File: PGPB Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050132284
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050132284 A1

TITLE: System and method for defining specifications for outputting content in multiple formats

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 20040243934 A1

L14: Entry 2 of 10 File: PGPB Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040243934
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040243934 A1

TITLE: Methods and apparatus for parallel processing page description language data

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 20040120013 A1

L14: Entry 3 of 10 File: PGPB Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040120013
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040120013 A1

TITLE: Generating merged documents

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 4. Document ID: US 20020111963 A1

L14: Entry 4 of 10 File: PGPB Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111963
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111963 A1

TITLE: Method, system, and program for preprocessing a document to render on an output device

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 5. Document ID: US 7003723 B1

L14: Entry 5 of 10 File: USPT Feb 21, 2006

US-PAT-NO: 7003723
DOCUMENT-IDENTIFIER: US 7003723 B1

TITLE: System and method for representing and managing pages in a production printing workflow

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 6. Document ID: US 6490604 B1

L14: Entry 6 of 10 File: USPT Dec 3, 2002

US-PAT-NO: 6490604
DOCUMENT-IDENTIFIER: US 6490604 B1

TITLE: Character information processing device equipped with a layout display function

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 7. Document ID: US 6081262 A

L14: Entry 7 of 10 File: USPT Jun 27, 2000

US-PAT-NO: 6081262
DOCUMENT-IDENTIFIER: US 6081262 A

TITLE: Method and apparatus for generating multi-media presentations

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 8. Document ID: US 5802381 A

L14: Entry 8 of 10 File: USPT Sep 1, 1998

US-PAT-NO: 5802381
DOCUMENT-IDENTIFIER: US 5802381 A

TITLE: Text editor for converting text format to correspond to an output method

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 9. Document ID: US 5181162 A

L14: Entry 9 of 10 File: USPT Jan 19, 1993

US-PAT-NO: 5181162
DOCUMENT-IDENTIFIER: US 5181162 A

TITLE: Document management and production system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 10. Document ID: US 4881197 A

L14: Entry 10 of 10 File: USPT Nov 14, 1989

US-PAT-NO: 4881197
DOCUMENT-IDENTIFIER: US 4881197 A

TITLE: Document composition system using named formats and named fonts

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L11 and L4	10

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Terms used **PDA document conversion** Found **13,015** of **193,448**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 Against all odds: a successful exchange migration

Theresa Duhart, Heidi C. Wasem
November 2006 **Proceedings of the 34th annual ACM SIGUCCS conference on User services SIGUCCS '06**
Publisher: ACM Press
Full text available: pdf(437.92 KB) Additional Information: full citation, abstract, index terms

Ten years ago, e-mail was a new technology spreading like wildfire in universities and colleges across the country. Today, it is our official mode of communication and stores vital records for our organization.As our campus grew and departments became decentralized, the need for enterprise calendaring became necessary to collaborate. CorporateTime became the standard for scheduling meetings on campus.Without e-mail and calendar, how would an organization function?The University of Puget Sound re ...

Keywords: calendar, communication, documentation, e-mail, entourage, exchange, outlook, outsourced services, project management, software standardization, staffing levels, training

2 P9: The global impact of eBooks on ePublishing

Harold Henke
October 2001 **Proceedings of the 19th annual international conference on Computer documentation**
Publisher: ACM Press
Full text available: pdf(344.79 KB) Additional Information: full citation, abstract, references, index terms

The advent of eBooks and electronic publishing is changing not only the North American publishing industry but Europe as well. In Europe, many publishers are embracing the ePublishing industry as well as companies which have emerged to develop tools and web sites to develop and sell eBooks, not only in the European Union but in North America.In Asia, the electronic book industry is fueled by two industries: manufacturers who are developing hardware devices to read eBooks and content providers wh ...

Keywords: PDA, POD, books on demand, cellular, digital books, digital libraries, eBook reader, ePublishing, ebooks, electronic books, personal digital assistants, print on demand, publishing

3 Linking and messaging from real paper in the Paper PDA

Jeremy M. Heiner, Scott E. Hudson, Kenichiro Tanaka
November 1999 **Proceedings of the 12th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available: pdf(344.36 KB) Additional Information: full citation, abstract, references, citings, index terms

It is well known that paper is a very fluid, natural, and easy to use medium for manipulating some kinds of information. It is familiar, portable, flexible, inexpensive, and offers good readability properties. Paper also has well known limitations when compared with electronic media. Work in hybrid paper electronic interfaces seeks to bring electronic capabilities to real paper in order to obtain the best properties of each. This paper describes a hybrid paper electronic system — the ...

Keywords: augmented reality, hybrid paper electronic interfaces, hyperlinking, interaction on paper, interaction techniques

4 The ethnographically informed participatory design of a PD application to support communication

Rhian Davies, Skip Marcella, Joanna McGrenere, Barbara Purves

September 2003 **ACM SIGACCESS Accessibility and Computing , Proceedings of the 6th international ACM SIGACCESS conference on Computers and accessibility Assets '04**, Issue 77-78

Publisher: ACM Press

Full text available: pdf(366.77 KB) Additional Information: full citation, abstract, references, citings, index terms

Aphasia is an acquired communication deficit that impacts the different language modalities. PDAs have a form factor and feature set that suggest they could be effective communication tools for people with aphasia. An ethnographic study was conducted with one participant both to learn about communication strategies used by people with aphasia, and to observe how a PDA is incorporated into those strategies. The most significant usability issues found were file access and organization. A partic ...

Keywords: aphasia, assistive technology, augmentative alternative communication, cognitive disabilities, ethnography, handheld devices, participatory design, universal usability

5 Computer human interface: Handheld devices for applications using dynamic multimedia data

Binh Pham, On Wong

June 2004 **Proceedings of the 2nd international conference on Computer graphics and interactive techniques in Australasia and South East Asia GRAPHITE '04**

Publisher: ACM Press

Full text available: pdf(209.86 KB) Additional Information: full citation, abstract, references, citings, index terms

Growing demand for ubiquitous and pervasive computing has triggered a sharp rise in handheld device usage. At the same time, dynamic multimedia data has become accepted as core material which many important applications depend on, despite intensive costs in computation and resources. This paper investigates the suitability and constraints of using handheld devices for such applications. We firstly analyse the capabilities and limitations of current models of handheld devices and advanced feature ...

Keywords: collaborative, computer graphics, handheld devices, image processing, multimedia

6 An ethnography of communication approach to mobile product testing

M. Gallant

July 2006 **Personal and Ubiquitous Computing**, Volume 10 Issue 5

Publisher: Springer-Verlag
Full text available: pdf(216.96 KB) Additional Information: full citation, abstract

Product testing of mobile communication technology has typically employed the same research methodologies that were traditionally applied to stationary technology. An approach that does not primarily rely on physical location to study mobile communication technologies is thus needed. The stable component of mobile communication technology is not physical space but human communication. Therefore, a research model is developed based on an ethnography of communication approach, which designates &#x ...

Keywords: Communication, Ethnography, Mobile, Proof-of-concept, Usability, User experience

7 Dealing with mobility: understanding access anytime, anywhere
Mark Perry, Kenton O'hara, Abigail Sellen, Barry Brown, Richard Harper
December 2001 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 8 Issue 4
Publisher: ACM Press
Full text available: pdf(217.74 KB) Additional Information: full citation, abstract, references, citings, index terms

The rapid and accelerating move towards use of mobile technologies has increasingly provided people and organizations with the ability to work away from the office and on the move. The new ways of working afforded by these technologies are often characterized in terms of access to information and people anytime, anywhere. This article presents a study of mobile workers that highlights different facets of *access* to remote people and information, and different facets of *anytime, anywhere ...*

***Keywords**: Awareness, context, dead time, diary study, distributed collaboration, interviews, mobile communication, mobile technology, mobile workers, personal computing*

8 Late breaking result papers: Digital graffiti: public annotation of multimedia content
Scott Carter, Elizabeth Churchill, Laurent Denoue, Jonathan Helfman, Les Nelson
April 2004 **CHI '04 extended abstracts on Human factors in computing systems**
Publisher: ACM Press
Full text available: pdf(318.91 KB) Additional Information: full citation, abstract, references, citings, index terms

Our physical environment is increasingly filled with multimedia content on situated, community public displays. We are designing methods for people to post and acquire digital information to and from public digital displays, and to modify and annotate previously posted content to create publicly observable threads. We support in-the-moment and on-site "person-to-place-to-people-to-persons" content interaction, annotation, augmentation and publication. We draw design inspiration from field work o ...

Keywords: annotation, blogging, digital community poster boards, threaded discussion

9 Document formatting: Using SVG as the rendering model for structured and graphically complex web material
Julius C. Mong, David F. Brailsford
November 2003 **Proceedings of the 2003 ACM symposium on Document engineering**
Publisher: ACM Press
Full text available: pdf(124.14 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper reports some experiments in using SVG (Scalable Vector Graphics), rather

than the browser default of (X)HTML/CSS, as a potential Web-based rendering technology, in an attempt to create an approach that integrates the structural and display aspects of a Web document in a single XML-compliant envelope.Although the syntax of SVG is XML based, the semantics of the primitive graphic operations more closely resemble those of page description languages such as PostScript or PDF. The principa ...

Keywords: PDF, SVG, XML, vector graphics

10 Tools and approaches for task modelling: Supporting UI design by sketch and speech recognition

Roman Zenka, Pavel Slavik

November 2004 **Proceedings of the 3rd annual conference on Task models and diagrams TAMODIA '04**

Publisher: ACM Press

Full text available: pdf(271.42 KB) Additional Information: full citation, abstract, references, index terms

We present a tool for rapid UI design using sketch and speech recognition. Our tool is designed to support conversation between a user and a designer within one room. Participants of the conversation discuss the UI orally while sketching UI layouts, storyboards and diagrams. A TabletPC is used to record and recognize both the speech and sketches created during discussion. The recognition is used for beautification of the sketches. The recording allows fast skimming through the results of the ent ...

Keywords: CSCW, UI design, audio, note-taking, rapid prototyping, sketch beautification, speech recognition

11 Satchel: providing access to any document, any time, anywhere

Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Publisher: ACM Press

Full text available: pdf(591.29 KB) Additional Information: full citation, abstract, references, citings, index terms

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features of mobile document work. Satchel is designed to meet the following five high-level design goals (1) easy access to document services; (2) timely document access; (3) streamlined user interface; (4) ubiquity; and (5)compliance with securi ...

Keywords: document access, document appliance, document processing, information appliance, mobile computing, mobile work

12 The Satchel system architecture: mobile access to documents and services

Mike Flynn, David Pendlebury, Chris Jones, Marge Eldridge, Mik Lamming

December 2000 **Mobile Networks and Applications**, Volume 5 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(207.51 KB) Additional Information: full citation, abstract, references, citings, index terms

Mobile professionals require access to documents and document‐related services, such as printing, wherever they may be. They may also wish to give documents to colleagues electronically, as easily as with paper, face‐to‐face, and with similar security characteristics. The Satchel system provides such capabilities in the form of a mobile browser, implemented on a device that professional people would be likely to carry anyway, such as a pager or mobile phone. Printing may be per ...

13 Students' experiences with PDAs for reading course materials

J. Waycott, A. Kukulska-Hulme

May 2003 **Personal and Ubiquitous Computing**, Volume 7 Issue 1

Publisher: Springer-Verlag

Full text available: pdf(470.11 KB) Additional Information: full citation, abstract, index terms

The availability of text reading and editing software for Personal Digital Assistants (PDAs) makes it timely to consider whether PDAs are useful tools for reading learning materials. This paper describes a study that evaluated the use of PDAs for reading by students on a Masters course run by the UK Open University. The evaluation consisted of pre- and post-questionnaires, and follow-up interviews. In addition, students discussed their experiences in a computer-based conference. Findings s ...

Keywords: Evaluation, Handheld computer, Learning, PDA, Palmtop, Reading

14 Research sessions 2 and 3: information processing on WWW and XML: Validating streaming XML documents

Luc Segoufin, Victor Vianu

June 2002 **Proceedings of the twenty-first ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

Publisher: ACM Press

Full text available: pdf(243.31 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper investigates the on-line validation of streaming XML documents with respect to a DTD, under memory constraints. We first consider validation using constant memory, formalized by a finite-state automaton (FSA). We examine two flavors of the problem, depending on whether or not the XML document is assumed to be well-formed. The main results of the paper provide conditions on the DTDs under which validation of either flavor can be done using an FSA. For DTDs that cannot ...

15 Formal methods: An interaction initiative model for documentation

David G. Novick, Karen Ward

October 2003 **Proceedings of the 21st annual international conference on Documentation**

Publisher: ACM Press

Full text available: pdf(219.25 KB) Additional Information: full citation, abstract, references, index terms

In this paper we propose a model of creation and use of documentation based on the concept of mixed-initiative interaction. In our model, successful single-initiative interaction is characterized by grounding of contributions, and successful mixed-initiative interaction is characterized by both grounding and agreement. Just as in spoken conversation, achievement of actual agreement depends on the intentions of both parties; agreement is achieved when the reader follows the documentation's instru ...

Keywords: agreement, grounding, initiative, mixed initiative

16 Adapting to network and client variability via on-demand dynamic distillation

Armando Fox, Steven D. Gribble, Eric A. Brewer, Elan Amir

October 1996 **ACM SIGOPS Operating Systems Review , ACM SIGPLAN Notices , Proceedings of the seventh international conference on Architectural support for programming languages and operating systems ASPLOS-VII**, Volume 30 , 31 Issue 5 , 9

Publisher: ACM Press

Full text available: pdf(1.64 MB) Additional Information: full citation, abstract, references, citings, index terms

The explosive growth of the Internet and the proliferation of smart cellular phones and handheld wireless devices is widening an already large gap between Internet clients.

Clients vary in their hardware resources, software sophistication, and quality of connectivity, yet server support for client variation ranges from relatively poor to none at all. In this paper we introduce some design principles that we believe are fundamental to providing "meaningful" Internet access for the entire range of ...

17 "Who's in charge here?" communicating across unequal computer platforms

Maria Velez, Marilyn Mantei Tremaine, Aleksandra Sarcevic, Bogdan Dorohonceanu, Allan Krebs, Ivan Marsic

December 2004 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 11 Issue 4

Publisher: ACM Press

Full text available: pdf(1.56 MB) Additional Information: full citation, abstract, references, index terms

People use personal data assistants in the field to collect data and to communicate with others both in the field and office. The individual in the office invariably has a laptop or a high-end personal workstation and thus, significantly more computing power, more screen real estate, and higher volume input devices, such as a mouse and keyboard. These differences give the high-end user the ability to represent and manipulate collaborative tasks more effectively. It is therefore useful to know ...

Keywords: Collaboration differences, heterogeneous computing, media effects, mobile computing

18 Novel interfaces: Display-agnostic hypermedia

Unmil P. Karadkar, Richard Furuta, Selen Ustun, YoungJoo Park, Jin-Cheon Na, Vivek Gupta, Tolga Ciftci, Yungah Park

August 2004 **Proceedings of the fifteenth ACM conference on Hypertext and hypermedia HYPERTEXT '04**

Publisher: ACM Press

Full text available: pdf(551.99 KB) Additional Information: full citation, abstract, references, citings, index terms

In the diversifying information environment, contemporary hypermedia authoring and filtering mechanisms cater to specific devices. Display-agnostic hypermedia can be flexibly and efficiently presented on a variety of information devices without any modification of their information content. We augment context-aware Trellis (caT) by introducing two mechanisms to support display-agnosticism: development of new browsers and architectural enhancements. We present browsers that reinterpret existing c ...

Keywords: context-aware trellis (caT), display-agnostic hypermedia, multi-device integrated dynamic activity spaces (MIDAS)

19 Session 7: RoamWare: an integrated architecture for seamless interaction in between mobile meetings

Mikael Wiberg

September 2001 **Proceedings of the 2001 International ACM SIGGROUP Conference on Supporting Group Work**

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This paper reports the final step of a research project that has aimed at developing novel meeting support for mobile CSCW (Computer Supported Cooperative Work). The underlying idea was to integrate spontaneous mobile meetings with in between meeting support, and divide the use between different situations rather than users attention. We propose a novel integrated architecture called RoamWare that illustrates the concepts of divided use, invisible computer support, and seamless ongoing interacti ...

Keywords: PDA use, integrated architecture, interaction across physical and virtual meetings, invisible computer support, mobile CSCW, ubiquitous computing

20 Field studies II: From genre analysis to the design of meetingware

Pedro Antunes, Carlos J. Costa

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Genre analysis is an approach to study organizational structures, focusing on communication patterns, which can be applied to the specific context of meetings. This research investigates the impact of genre analysis on the design of meetingware. The paper describes how genre analysis was used to develop meetingware for several organizations and meeting genres. The paper covers the whole design process, from genre elicitation to validation. The obtained results indicate that genre analysis impact ...

Keywords: design, genre analysis, meetingware analysis

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next